



HYDRAULIC PROJECT APPROVAL

Washington Department of
Fish & Wildlife
PO Box 43234
Olympia, WA 98504-3234
(360) 902-2200

Issued Date: August 03, 2016
Project End Date: August 03, 2019

Permit Number: 2016-4-582+01
FPA/Public Notice Number: N/A
Application ID: 7833

PERMITTEE	AUTHORIZED AGENT OR CONTRACTOR
Adopt A Stream Foundation ATTENTION: Jacob Newman 600 128th St SE Everett, WA 98208-6353	

Project Name: Woods Creek In-Stream Restoration Partnership: REACH 2 PROJECT SITES

Project Description: This is a salmon habitat enhancement project funded by the State of Washington's Salmon Recovery Funding Board (SRFB). This project is time sensitive and needs to be implemented this summer or risk losing a significant portion of its funding for the riparian restoration element of the project.

This project will implement actions called for in the Snohomish River Basin Salmon Conservation Plan that lists Woods Creek as Mainstem – Secondary Restoration Sub-basin Strategy Group. This project will cover second tier priority actions by restoring shoreline conditions by incorporation of LWD projects and enhancing riparian areas. This project will also cover third-tier priority actions by enhancing instream structural composition by the installation of engineered logjams, which will be focused in areas with a lack of LWD and degraded riparian forests. The 2013 Woods Creek Watershed Habitat Conditions Report revealed that the primary limitations to salmon habitat include elevated stream temperatures, fine sediments, lack of large wood in the channel, and infrequent, low quality pools, particularly in this section of Woods Creek

Project goals: 1) Increase natural fish production by enhancing instream habitat, which will benefit all salmon species that use Woods Creek. 2) Establish a healthy native riparian zone by removing invasive plants and planting an approximate 35' buffer of native vegetation along streambanks.

Please see attached designs titled: "Lower Woods Creek LW Installation"

PROVISIONS

1. TIMING - PLANS - INVASIVE SPECIES CONTROL

1. TIMING LIMITATION: You may begin the project on AUGUST 3, 2016 and you must complete the project by AUGUST 3, 2019. All in water work will take place from JULY 15, 2016 TO OCTOBER 15, 2016.

2. RE-VEGETATION: You must complete re-vegetation by no later than APRIL 31, 2017, and you must monitor the success of the re-vegetation through AUGUST 3, 2019 or as required by the grant funding source.

3. APPROVED PLANS: You must accomplish the work per plans and specifications submitted with the application and approved by the Washington Department of Fish and Wildlife, entitled LOWER WOOD CREEK LW INSTALLATION, SRFB#15-1131, dated JUNE 30, 2016, except as modified by this Hydraulic Project Approval. You must have a copy of these plans available on site during all phases of the project proposal.



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4. **INVASIVE SPECIES CONTROL:** Thoroughly clean all equipment and gear before arriving and leaving the job site to prevent the transport and introduction of aquatic invasive species. Properly dispose of any water and chemicals used to clean gear and equipment. You can find additional information in the Washington Department of Fish and Wildlife's Invasive Species Management Protocols (November 2012), available online at <http://wdfw.wa.gov/publications/01490/wdfw01490.pdf>.

NOTIFICATION REQUIREMENTS

5. **PRE- AND POST-CONSTRUCTION NOTIFICATION:** You, your agent, or contractor must contact the Washington Department of Fish and Wildlife by e-mail at HPAapplications@dfw.wa.gov; mail to Post Office Box 43234, Olympia, Washington 98504-3234; or fax to (360) 902-2946 at least three business days before starting work, and again within seven days after completing the work. The notification must include the permittee's name, project location, starting date for work or date the work was completed, and the permit number. The Washington Department of Fish and Wildlife may conduct inspections during and after construction; however, the Washington Department of Fish and Wildlife will notify you or your agent before conducting the inspection.

6. **PHOTOGRAPHS:** You, your agent, or contractor must take photographs of the job site before the work begins and after the work is completed. You must upload the photographs to the post-permit requirement page in the Aquatic Protection Permitting System (APPS) or mail them to Washington Department of Fish and Wildlife at Post Office Box 43234, Olympia, Washington 98504-3234 within 30-days after the work is completed.

7. **FISH KILL/ WATER QUALITY PROBLEM NOTIFICATION:** If a fish kill occurs or fish are observed in distress at the job site, immediately stop all activities causing harm. Immediately notify the Washington Department of Fish and Wildlife of the problem. If the likely cause of the fish kill or fish distress is related to water quality, also notify the Washington Military Department Emergency Management Division at 1-800-258-5990. Activities related to the fish kill or fish distress must not resume until the Washington Department of Fish and Wildlife gives approval. The Washington Department of Fish and Wildlife may require additional measures to mitigate impacts.

STAGING, JOB SITE ACCESS, AND EQUIPMENT

8. Establish staging areas (used for equipment storage, vehicle storage, fueling, servicing, and hazardous material storage) in a location and manner that will prevent contaminants such as petroleum products, hydraulic fluid, fresh concrete, sediments, sediment-laden water, chemicals, or any other toxic or harmful materials from entering waters of the state.

9. Design and locate new temporary access roads to prevent erosion and sediment delivery to waters of the state.

10. Limit the removal of native bankline vegetation to the minimum amount needed to construct the project.

11. Retain all natural habitat features on the bed or banks including large woody material and boulders. You may move these natural habitat features during construction but you must place them near the pre project location before leaving the job site.

12. Confine the use of equipment to the specific access and work corridor shown in the approved plans.

13. Station and operate equipment used for this project landward of the ordinary high water line. Equipment may cross the stream as per plans.

14. If wet or muddy conditions exist, in or near a riparian zone or wetland area, use equipment that reduces ground



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pressure.

15. Check equipment daily for leaks and complete any required repairs in an upland location before using the equipment in or near the water.

16. Use environmentally acceptable lubricants composed of biodegradable base oils such as vegetable oils, synthetic esters, and polyalkylene glycols in equipment operated in or near the water.

CONSTRUCTION-RELATED SEDIMENT, EROSION AND POLLUTION CONTAINMENT

17. Protect all disturbed areas from erosion. Maintain erosion and sediment control until all work and cleanup of the job site is complete.

18. All erosion control materials that will remain onsite must be composed of 100% biodegradable materials.

19. Straw used for erosion and sediment control, must be certified free of noxious weeds and their seeds.

20. Stop all hydraulic project activities except those needed to control erosion and siltation, if flow conditions arise that will result in erosion or siltation of waters of the state.

21. Prevent project contaminants, such as petroleum products, hydraulic fluid, fresh concrete, sediments, sediment-laden water, chemicals, or any other toxic or harmful materials, from entering or leaching into waters of the state.

22. Deposit waste material from the project, such as construction debris, silt, excess dirt, or overburden, in an upland area above the limits of anticipated floodwater unless the material is approved by the Washington Department of Fish and Wildlife for reuse in the project.

23. Deposit all trash from the project at an appropriate upland disposal location.

CONSTRUCTION MATERIALS

24. Store all construction and deconstruction material in a location and manner that will prevent contaminants such as petroleum products, hydraulic fluid, fresh cement, sediments, sediment-laden water, chemicals, or any other toxic or harmful materials from entering waters of the state.

STREAM BANK PROTECTION

25. Establish the waterward distance of the structure from a permanent benchmark(s) (fixed objects) shown on the approved plans. Locate and mark the benchmark(s) in the field prior to the start of work. Protect the benchmark to serve as a post-project reference for ten years.

26. Place large wood or other materials consistent with natural stream processes waterward of the ordinary high water line as shown in the approved plans.

27. Install the toe to protect the integrity of bank protection material.

28. Bury the base of the structure deep enough to prevent undermining.

29. The biotechnical bank protection technique design must withstand the 100-year peak flow.



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30. Use fir, cedar, or other coniferous species to construct the log or rootwad fish habitat structure(s).
31. Do not release overburden material into the waters of the state when resloping the bank.
32. Reslope the banks to a 2 foot horizontal and 1 foot vertical slope or less.
33. Avoid damaging existing vegetation when placing bank protection material.

DEMOBILIZATION AND CLEANUP

34. Upon completion of the project, restore the disturbed bed, banks, and riparian zone to pre project condition to the extent possible.
35. To prevent fish from stranding, backfill trenches, depressions, and holes in the bed that may entrain fish during high water or wave action.
36. Seed areas disturbed by construction activities with a native seed mix suitable for the site that has at least one quick-establishing plant species.
37. Replace native riparian zone and aquatic vegetation, and wetland vascular plants (except noxious weeds) damaged or destroyed by construction using a proven methodology.
38. Replant the job site with the plant species composition and planting densities approved by the Washington Department of Fish and Wildlife through the approved planting plan.
39. Install fencing or other structures to prevent livestock, wildlife, or unauthorized persons from accessing the replanted riparian and wetland sites until the plantings are well established.
40. Upon completion of the project, remove all materials or equipment from the site and dispose of all excess spoils and waste materials in an upland area above the limits of anticipated floodwater.
41. Remove temporary erosion and sediment control methods after job site is stabilized or within three months of project completion, whichever is sooner.

LOCATION #1:	Site Name: WATKINS WALLACE E 21104 WOODS CREEK RD UNIT A, Monroe, WA 98272					
WORK START:	July 15, 2016			WORK END:	September 30, 2016	
<u>WRIA</u>		<u>Waterbody:</u>			<u>Tributary to:</u>	
07 - Snohomish		Woods Creek			Woods Creek	
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
	32	28 N	07 E	47.8649	-122.947255	Snohomish
<u>Location #1 Driving Directions</u>						



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Merge onto I-5 N, Take exit 194 for US-2 E toward Snohomish/Wenatchee Continue onto US-2 E to town of Monroe, WA turn left on Woods Creek Rd Watkins and Gerardi properties are on this road, for the rest of the sites continue on Woods Creek Rd. and then turn right onto Yeager Rd, then right onto 144th St SE where the remaining sites are located (Sewell, Arnesen, Fiscus and Stokes).

LOCATION #2:	Site Name: ARNESEN MICHAEL & VICTORIA 22030 144TH ST SE, Monroe, WA 98272					
WORK START:	July 1, 2016			WORK END:	September 30, 2016	
<u>WRIA</u>		<u>Waterbody:</u>		<u>Tributary to:</u>		
07 - Snohomish		Woods Creek		Woods Creek		
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
SW 1/4	32	28 N	07 E	47.865812	-121.935061	Snohomish
<u>Location #2 Driving Directions</u>						

Merge onto I-5 N, Take exit 194 for US-2 E toward Snohomish/Wenatchee Continue onto US-2 E to town of Monroe, WA turn left on Woods Creek Rd Watkins and Gerardi properties are on this road, for the rest of the sites continue on Woods Creek Rd. and then turn right onto Yeager Rd, then right onto 144th St SE where the remaining sites are located (Sewell, Arnesen, Fiscus and Stokes).

LOCATION #3:	Site Name: STOKES KARI A & IAN R 21526 144TH ST SE, MONROE, WA 98272					
WORK START:	July 1, 2016			WORK END:	September 30, 2016	
<u>WRIA</u>		<u>Waterbody:</u>		<u>Tributary to:</u>		
07 - Snohomish		Woods Creek		Woods Creek		
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>
SW 1/4	32	28 N	07 E	47.865773	-121.942467	Snohomish
<u>Location #3 Driving Directions</u>						

Merge onto I-5 N, Take exit 194 for US-2 E toward Snohomish/Wenatchee Continue onto US-2 E to town of Monroe, WA turn left on Woods Creek Rd Watkins and Gerardi properties are on this road, for the rest of the sites continue on Woods Creek Rd. and then turn right onto Yeager Rd, then right onto 144th St SE where the remaining sites are located (Sewell, Arnesen, Fiscus and Stokes).

LOCATION #4:	Site Name: GERARDI GEOFFREY M 21112 WOODS CREEK, MONROE, WA 98272					
WORK START:	July 1, 2016			WORK END:	September 30, 2016	
<u>WRIA</u>		<u>Waterbody:</u>		<u>Tributary to:</u>		
07 - Snohomish		Woods Creek		Woods Creek		
<u>1/4 SEC:</u>	<u>Section:</u>	<u>Township:</u>	<u>Range:</u>	<u>Latitude:</u>	<u>Longitude:</u>	<u>County:</u>



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SW 1/4	32	28 N	07 E	47.866642	-121.946252	Snohomish
<u>Location #4 Driving Directions</u>						
Merge onto I-5 N, Take exit 194 for US-2 E toward Snohomish/Wenatchee Continue onto US-2 E to town of Monre, Wa turn left on Woods Creek Rd Watkins and Gerardi properties are on this road, for the rest of the sites continue on Woods Creek Rd. and then turn right onto Yeager Rd, then right onto 144th St SE where the remaining sites are located (Sewell, Arnesen, Fiscus and Stokes).						

APPLY TO ALL HYDRAULIC PROJECT APPROVALS

This Hydraulic Project Approval pertains only to those requirements of the Washington State Hydraulic Code, specifically Chapter 77.55 RCW. Additional authorization from other public agencies may be necessary for this project. The person(s) to whom this Hydraulic Project Approval is issued is responsible for applying for and obtaining any additional authorization from other public agencies (local, state and/or federal) that may be necessary for this project.

This Hydraulic Project Approval shall be available on the job site at all times and all its provisions followed by the person (s) to whom this Hydraulic Project Approval is issued and operator(s) performing the work.

This Hydraulic Project Approval does not authorize trespass.

The person(s) to whom this Hydraulic Project Approval is issued and operator(s) performing the work may be held liable for any loss or damage to fish life or fish habitat that results from failure to comply with the provisions of this Hydraulic Project Approval.

Failure to comply with the provisions of this Hydraulic Project Approval could result in a civil penalty of up to one hundred dollars per day and/or a gross misdemeanor charge, possibly punishable by fine and/or imprisonment.

All Hydraulic Project Approvals issued under RCW 77.55.021 are subject to additional restrictions, conditions, or revocation if the Department of Fish and Wildlife determines that changed conditions require such action. The person(s) to whom this Hydraulic Project Approval is issued has the right to appeal those decisions. Procedures for filing appeals are listed below.



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MINOR MODIFICATIONS TO THIS HPA: You may request approval of minor modifications to the required work timing or to the plans and specifications approved in this HPA unless this is a General HPA. If this is a General HPA you must use the Major Modification process described below. Any approved minor modification will require issuance of a letter documenting the approval. A minor modification to the required work timing means any change to the work start or end dates of the current work season to enable project or work phase completion. Minor modifications will be approved only if spawning or incubating fish are not present within the vicinity of the project. You may request subsequent minor modifications to the required work timing. A minor modification of the plans and specifications means any changes in the materials, characteristics or construction of your project that does not alter the project's impact to fish life or habitat and does not require a change in the provisions of the HPA to mitigate the impacts of the modification. Minor modifications do not require you to pay additional application fees or be issued a new HPA. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a minor modification through APPS. A link to APPS is at <http://wdfw.wa.gov/licensing/hpa/>. If you did not use APPS you must submit a written request that clearly indicates you are seeking a minor modification to an existing HPA. Written requests must include the name of the applicant, the name of the authorized agent if one is acting for the applicant, the APP ID number of the HPA, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, and the requestor's signature. Send by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234, or by email to HPAapplications@dfw.wa.gov. Do not include payment with your request. You should allow up to 45 days for the department to process your request.

MAJOR MODIFICATIONS TO THIS HPA: You may request approval of major modifications to any aspect of your HPA. Any approved change other than a minor modification to your HPA will require issuance of a new HPA. If you paid an application fee for your original HPA you must pay an additional \$150 for the major modification. If you did not pay an application fee for the original HPA, no fee is required for a change to it. If you originally applied for your HPA through the online Aquatic Protection Permitting System (APPS), you may request a major modification through APPS. A link to APPS is at <http://wdfw.wa.gov/licensing/hpa/>. If you did not use APPS you must submit a written request that clearly indicates you are requesting a major modification to an existing HPA. Written requests must include the name of the applicant, the name of the authorized agent if one is acting for the applicant, the APP ID number of the HPA, the date issued, the permitting biologist, the requested changes to the HPA, the reason for the requested change, the date of the request, payment if the original application was subject to an application fee, and the requestor's signature. Send your written request and payment, if applicable, by mail to: Washington Department of Fish and Wildlife, PO Box 43234, Olympia, Washington 98504-3234. You may email your request for a major modification to HPAapplications@dfw.wa.gov, but must send a check or money order for payment by surface mail. You should allow up to 45 days for the department to process your request.

APPEALS INFORMATION

If you wish to appeal the issuance, denial, conditioning, or modification of a Hydraulic Project Approval (HPA), Washington Department of Fish and Wildlife (WDFW) recommends that you first contact the department employee who issued or denied the HPA to discuss your concerns. Such a discussion may resolve your concerns without the need for further appeal action. If you proceed with an appeal, you may request an informal or formal appeal. WDFW encourages you to take advantage of the informal appeal process before initiating a formal appeal. The informal appeal process includes a review by department management of the HPA or denial and often resolves issues faster and with less legal complexity than the formal appeal process. If the informal appeal process does not resolve your concerns, you may advance your appeal to the formal process. You may contact the HPA Appeals Coordinator at (360) 902-2534 for more information.



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A. INFORMAL APPEALS: WAC 220-660-460 is the rule describing how to request an informal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete informal appeal procedures. The following information summarizes that rule.

A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request an informal appeal of that action. You must send your request to WDFW by mail to the HPA Appeals Coordinator, Department of Fish and Wildlife, Habitat Program, 600 Capitol Way North, Olympia, Washington 98501-1091; e-mail to HPAapplications@dfw.wa.gov; fax to (360) 902-2946; or hand-delivery to the Natural Resources Building, 1111 Washington St SE, Habitat Program, Fifth floor. WDFW must receive your request within 30 days from the date you receive notice of the decision. If you agree, and you applied for the HPA, resolution of the appeal may be facilitated through an informal conference with the WDFW employee responsible for the decision and a supervisor. If a resolution is not reached through the informal conference, or you are not the person who applied for the HPA, the HPA Appeals Coordinator or designee will conduct an informal hearing and recommend a decision to the Director or designee. If you are not satisfied with the results of the informal appeal, you may file a request for a formal appeal.

B. FORMAL APPEALS: WAC 220-660-470 is the rule describing how to request a formal appeal of WDFW actions taken under Chapter 77.55 RCW. Please refer to that rule for complete formal appeal procedures. The following information summarizes that rule.

A person who is aggrieved by the issuance, denial, conditioning, or modification of an HPA may request a formal appeal of that action. You must send your request for a formal appeal to the clerk of the Pollution Control Hearings Boards and serve a copy on WDFW within 30 days from the date you receive notice of the decision. You may serve WDFW by mail to the HPA Appeals Coordinator, Department of Fish and Wildlife, Habitat Program, 600 Capitol Way North, Olympia, Washington 98501-1091; e-mail to HPAapplications@dfw.wa.gov; fax to (360) 902-2946; or hand-delivery to the Natural Resources Building, 1111 Washington St SE, Habitat Program, Fifth floor. The time period for requesting a formal appeal is suspended during consideration of a timely informal appeal. If there has been an informal appeal, you may request a formal appeal within 30 days from the date you receive the Director's or designee's written decision in response to the informal appeal.

C. FAILURE TO APPEAL WITHIN THE REQUIRED TIME PERIODS: If there is no timely request for an appeal, the WDFW action shall be final and unappealable.

Habitat Biologist Jamie.Bails@dfw.wa.gov
Jamie Bails 425-775-1311, Ext:309

for Director
WDFW